**Index of Claims** 

÷

| Application No. | Ap | plic | atio | n No. |  |
|-----------------|----|------|------|-------|--|
|-----------------|----|------|------|-------|--|

Applicant(s)

10/633,943

Examiner

GORMAN, GREGORY **WINFIELD** 

Art Unit

Nasser Ahmad

1772

0

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

**Appeal** 

Objected

|              |          | L            |          |               |  |              | J            |  |           |           |  |      |               |          |  |              | J            | Щ        |                 |          |           |              |            |          | L               | _ |
|--------------|----------|--------------|----------|---------------|--|--------------|--------------|--|-----------|-----------|--|------|---------------|----------|--|--------------|--------------|----------|-----------------|----------|-----------|--------------|------------|----------|-----------------|---|
|              | aim      | _            |          |               | _  | Dat          | _            |  |           |           |  | lair |               |          |  |              | Date         |          |                 |          | $\neg$    |              | laim       | ı –      |                 | _ |
| Ci           | Г        |              | ι —      | $\overline{}$ | г-'  |              | <u> </u>     | <u> </u>   |           | $\dashv$  | <u>                                   </u> |      |               | Т.       | T  | т.           |              | <u> </u> |                 | $\neg$   | $\dashv$  | $\vdash$     |            | ╁        |                 | Γ |
| <del>-</del> | Original | 1/20/05      |          |               |  | 1            |              | 1  |           | ľ         | <del> </del>                               |      | Original      |          |  | Ì            |              |          |                 | - 1      |           | <del>-</del> | Original   |          |                 | l |
| Final        | ij       | 8            |          |               | ŀ  | 1            |              |  |           |           | Final                                      |      | ᅙ             |          | ŀ  |              |              |          |                 |          |           | Final        | ij         |          |                 | l |
| "            | ō        | -            |          |               | İ  |              |              |  |           |           | "  |      | 5             |          |  |              |              |          |                 |          |           | "            | Ō          |          |                 |   |
|              | 1        | +            | $\vdash$ | -             |  | ┢            | 1            |  |           | -         | -  | +    | 51            | ╁        | +  | ┢            | H            | -        |                 | 7        | $\exists$ | -            | 101        | H        | $\vdash$        | t |
| -            | 2        | +            | _        |               |  | ╁            | 1            |  |           |           | <b>—</b>                                   |      | 52            | +-       | ╁╴   | 一            |              | _        |                 | 7        | $\dashv$  |              | 102        | _        | $\vdash$        | t |
|              | 3        | +            | H        |               |  | <del> </del> |              | T  |           | $\neg$    | <u> </u>                                   |      | 53            | +        | t  | H            | $\vdash$     |          | $\Box$          | 7        | $\dashv$  |              | 103        | 1        | П               | t |
|              | 4        | +            |          |               | T  | T            |              | Ħ  |           | $\exists$ |  |      | 54            | +-       | $\top$   | $\vdash$     | $\vdash$     |          |                 | 寸        | $\exists$ |              | 104        |          | Н               | r |
|              | 5        | +            | $\vdash$ |               |  | T            |              |  |           | T         |  |      | 55            | 1        | $\top$   |              |              |          |                 | T        |           |              | 105        | T        | П               | ľ |
|              | 6        | +            |          |               |  | Т            |              |  |           |           |  | 1    | 6             |          |  |              |              |          |                 | $\neg$   | _         |              | 106        |          |                 | Ī |
|              | 7        | +            |          |               |  |              |              |  |           |           |  |      | 7             |          |  |              |              |          |                 |          |           |              | 107        |          |                 | ſ |
|              | 8        | +            |          |               |  |              |              |  |           |           |  |      | 8             |          |  |              |              |          |                 |          |           |              | 108        |          |                 | I |
|              | 9        | +            |          |               |  |              |              |  |           |           |  |      | 59            |          |  |              |              | L        |                 |          | _         | <u> </u>     | 109        |          | Ш               | L |
|              | 10       | +            |          |               |  | ┖            |              |  |           |           |  |      | 30            |          | <u> </u>   | <u> </u>     |              |          |                 | _        | _         |              | 110        | _        | Щ               | L |
| <u></u>      | 11       | +            |          |               | _  | _            | 1            | <b>.</b>   |           |           | ļ  |      | 31            | 1_       | ــــــــــــــــــــــــــــــــــــــ           | <u> </u>     | L            | Щ        | $\square$       | _        | _         | <u> </u>     | 111        | ldash    | Щ               | L |
| <u></u>      | 12       | +            |          |               | _  |              |              |  | Ш         | Щ         |  |      | 32            | _        | 1_   | <b> </b>     | <u> </u>     | L        | Ш               | $\dashv$ | $\dashv$  | _            | 112        | <u> </u> | $\vdash$        | L |
| <u> </u>     | 13       | +            |          | <u> </u>      | <u> </u>   | <b>—</b>     | 1            | -  | Щ         | $\Box$    |  |      | 33            | +-       | $\vdash$   | $\vdash$     | $\vdash$     | -        | $\vdash \vdash$ | $\dashv$ | $\dashv$  | <u> </u>     | 113        | $\vdash$ | $\vdash \vdash$ | L |
| <u> </u>     | 14       | +            |          | _             | L  | $\vdash$     |              | $\vdash$   | Н         | $\dashv$  | -  | +    | 34            | +        | ┼  | ⊢            | <u> </u>     | H        | dash            |          | $\dashv$  | -            | 114        | ├        | $\vdash$        | ŀ |
|              | 15<br>16 | +            |          | _             | $\vdash$   | -            | $\vdash$     | $\vdash$   | $\vdash$  | $\dashv$  |  |      | 65<br>66      | +        | ┼-   | -            | $\vdash$     | H        | $\vdash \vdash$ | -+       | $\dashv$  | -            | 115<br>116 |          |                 | ŀ |
| -            | 17       | +            |          |               | _  | ├-           | ⊢            | -  | $\vdash$  | -         |  |      | 57            | +-       | ╁  | -            | -            |          | $\vdash \vdash$ | $\dashv$ | $\dashv$  | -            | 117        |          | H               | ŀ |
|              | 18       | +            |          |               | ⊢  | $\vdash$     | -            | $\vdash$   | Н         | ᅱ         | -  |      | 8             | +        | +  | ├            | <del> </del> |          | -               | $\dashv$ | $\dashv$  | $\vdash$     | 118        | ┢        | -               | ŀ |
|              | 19       | +            |          |               |  | $\vdash$     | $\vdash$     | $\vdash$   | Н         | $\dashv$  |  |      | 9             | +-       | ╁  | $\vdash$     |              |          |                 | +        | ⊣         | <b>†</b>     | 119        | 一        | $\vdash$        | r |
|              | 20       | +            |          |               | <del>                                     </del> | H            | -            | _  | -         |           |  | +    | 70            | ╁        | <del>                                     </del> |              |              |          |                 | $\dashv$ | -         |              | 120        | $\vdash$ | Н               | r |
|              | 21       | +            | $\vdash$ |               |  | ┢            | <del> </del> | 一  |           | $\neg$    | -  |      | 71            | +-       | H  | -            |              |          |                 | $\dashv$ | $\dashv$  | -            | 121        |          |                 | r |
|              | 22       | +            | $\vdash$ | $\overline{}$ |  | T            | T            | $\vdash$   |           | $\neg$    |  |      | '2            | †-       | T  |              |              |          | T               | T        | $\neg$    |              | 122        |          | П               | Ī |
|              | 23       | +            |          |               |  |              |              |  |           |           |  | 17   | ′3            | $\top$   | $\vdash$   |              |              |          |                 | $\neg$   |           |              | 123        | Г        |                 | ľ |
|              | 24       | +            |          |               |  |              |              |  |           |           |  |      | '4            |          |  |              |              |          |                 |          |           |              | 124        |          |                 | Ī |
|              | 25       | +            |          |               |  |              |              |  |           |           |  |      | '5            |          |  |              |              |          |                 |          |           |              | 125        |          | Ш               | Ĺ |
| L            | 26       | +            |          |               |  | <u> </u>     | _            | <u> </u>   |           | _         |  |      | 6             | <u> </u> | L  |              |              |          | ·               | _        |           | L            | 126        | L        | Ш               | L |
|              | 27       | +            | L        |               |  | L            | _            | _  |           | _         |  |      | 7             | _        | <u> </u>   | _            | Щ            |          | $\Box$          | _        | _         |              | 127        | <u> </u> | Ш               | L |
|              | 28       |              | _        |               |  | <u> </u>     | _            | <u> </u>   |           |           |  |      | 8             | _        | _  | _            | Ш            |          |                 | _        | _         | <u> </u>     | 128        |          | Ш               | L |
|              | 29       |              | _        | L             | <u> </u>   | <u> </u>     | <u> </u>     | ļ  |           |           |  |      | 9             | -        | <u> </u>   | <u> </u>     |              |          |                 | -        | 4         |              | 129        |          | Н               | L |
| <u> </u>     | 30       |              | _        |               |  | <u> </u>     | <u> </u>     | <u> </u>   |           | _         |  |      | 30            | 1        | ₩  | ╙            |              |          |                 | _        | _         |              | 130        | $\vdash$ | <b> </b>        | ŀ |
|              | 31       | _            | -        |               |  | ├            | ├—           | ├—   |           | $\dashv$  |  |      | 31            | ╁        | ┝  | -            |              | _        | $\dashv$        | $\dashv$ | $\dashv$  | <u> </u>     | 131<br>132 | $\vdash$ |                 | ŀ |
|              | 33       | _            | -        | _             | $\vdash$   | ├            | ├-           | ⊢  | -         | ᅱ         | -  |      | 33            | ╁        | ├-   | -            |              | _        | $\dashv$        | $\dashv$ | $\dashv$  |              | 133        | -        | Н               | H |
| _            | 34       |              | $\vdash$ |               | <u> </u>   | -            | +-           | <del> </del>                                     | $\vdash$  | $\dashv$  | -  |      | 34            | +-       | -  | <del> </del> | H            | H        | $\vdash$        | $\dashv$ | $\dashv$  |              | 134        | $\vdash$ | Н               | r |
|              | 35       | $\vdash$     | $\vdash$ |               | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$  | $\dashv$  |  |      | 35            | +        | +-   | $\vdash$     | $\vdash$     | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$  |              | 135        | $\vdash$ | H               | r |
|              | 36       | $\vdash$     | $\vdash$ |               | $\vdash$   | $\vdash$     |              | <del>                                     </del> | $\vdash$  | $\dashv$  |  |      | 86            | +        | $t^-$  | $\vdash$     |              | Н        | $\dashv$        | $\dashv$ | $\dashv$  | -            | 136        | П        | Н               | r |
|              | 37       | -            |          |               |  | Г            |              | <del>                                     </del> | Н         |           |  | 1 8  | <del>77</del> | † -      | T  |              |              | Н        | $\Box$          | 十        | $\exists$ |              | 137        |          | М               | ľ |
|              | 38       | П            | П        |               | Г  | Т            | П            |  | П         | $\exists$ |  |      | 88            | $\top$   | T  | П            | П            | П        | $\Box$          | 一        | $\exists$ |              | 138        |          | П               | ľ |
|              | 39       |              |          |               | Г  |              | 1            |  |           | $\exists$ |  |      | 39            | Ť        | T  |              |              | П        |                 | $\dashv$ |           |              | 139        |          |                 | Ī |
|              | 40       |              |          |               |  |              |              |  |           |           |  | (    | 90            |          |  |              |              |          |                 |          |           |              | 140        |          |                 | Ī |
|              | 41       |              |          |               |  |              |              |  |           |           |  | 1    | )1            |          |  |              |              |          |                 |          |           |              | 141        |          |                 | Ĺ |
|              | 42       |              |          |               |  | 匚            | L            |  |           |           |  |      | )2            | ļ        | L  |              |              | $\Box$   |                 | $\perp$  | _         |              | 142        | Ш        | Ш               | L |
| <u> </u>     | 43       | $oxed{oxed}$ | Ш        |               | <u> </u>   | <u> </u>     | L            | _  |           |           |  |      | 3             | <u> </u> | ↓  | <u> </u>     | Ш            | Ш        | $\square$       | $\dashv$ | _         |              | 143        | Щ        | Ш               | L |
|              | 44       |              | Ш        | _             |  | <u> </u>     | <u> </u>     | <u> </u>   | Ш         |           |  | 15   | )4            | 4_       | <u> </u>   | <u> </u>     | Ш            | Щ        | Ц               | _        | _         | -            | 144        | _        | Ш               | L |
| <u> </u>     | 45       |              | Щ        |               |  | ⊢            | <u> </u>     | _  | $\square$ | 4         |  |      | 5             | +-       | ├-   | <u> </u>     | Ш            |          | _               | -        | $\dashv$  | <u> </u>     | 145        | $\vdash$ | $\vdash \vdash$ | H |
| -            | 46       | _            | Щ        | _             | -  | ├            | ⊢            | <u> </u>   | $\vdash$  | _         | -  |      | 6             | +        | ⊢  | $\vdash$     | Н            | Н        | $\dashv$        |          |           | -            | 146        | $\vdash$ | $\vdash$        | H |
|              | 47<br>48 | _            | $\vdash$ | _             | -  | ⊢            | $\vdash$     | <u> </u>   | $\vdash$  | $\dashv$  | -  |      | )7<br>)8      | +        | ⊬  | $\vdash$     | $\vdash$     | Н        | $\dashv$        | $\dashv$ | $\dashv$  | -            | 147<br>148 | -        | $\vdash$        | ۲ |
|              | 48       | =            | $\dashv$ |               | -  | $\vdash$     | ├            | <u> </u>   | $\vdash$  | $\dashv$  | -  |      | 9             | ╁        | ╁  | H            | $\vdash$     | $\vdash$ |                 | $\dashv$ | $\dashv$  | -            | 149        | $\vdash$ | $\vdash$        | ۲ |
|              | 50       | -            | $\dashv$ |               | -  |              | $\vdash$     | _  | $\vdash$  | $\dashv$  | $\vdash$                                   |      | 00            | ╁        | <del> </del>                                     | $\vdash$     |              |          | $\dashv$        | $\dashv$ | $\dashv$  | $\vdash$     | 150        | $\vdash$ | $\vdash$        | Γ |
|              | . 50     |              | نـــــا  |               | Щ  | ч-           | Ц.           | Ц.   |           |           | Ц  |      |               |          | L  | L            |              | $\Box$   |                 |          |           |              | 1 .50      |          | لـــا           | _ |

| Claim       |                   | Date |             |          |              |              |          |               |              |                 |  |  |  |  |
|-------------|-------------------|------|-------------|----------|--------------|--------------|----------|---------------|--------------|-----------------|--|--|--|--|
| Final       | Original          |      |             |          |              |              |          |               |              |                 |  |  |  |  |
|             | 101<br>102        |      |             |          |              |              |          |               |              |                 |  |  |  |  |
|             | 102               |      | -           | _        | ┝            | -            |          |               | -            | $\vdash$        |  |  |  |  |
|             | 103               |      | <b> </b> _  | <u> </u> | ┡            | _            | _        | _             | _            |                 |  |  |  |  |
|             | 104               | _    | <u> </u>    | _        | L            | <u> </u>     |          | _             | _            | _               |  |  |  |  |
|             | 105               |      | <u> </u>    | <u> </u> | _            | _            | _        | _             | L            |                 |  |  |  |  |
|             | 106               |      |             |          | _            |              |          | <u> </u>      |              |                 |  |  |  |  |
|             | 107               |      | _           | <u> </u> | ļ            | <u> </u>     | _        | _             | $\vdash$     |                 |  |  |  |  |
|             | 108               | _    | $\vdash$    | $\vdash$ | <u> </u>     | _            | <b> </b> | _             | L            | Н               |  |  |  |  |
|             | 109               |      | <u> </u>    | <u> </u> |              | <u> </u>     | _        | _             |              |                 |  |  |  |  |
|             | 110               |      | <u> </u>    | <u> </u> | _            |              |          | <u> </u>      | _            |                 |  |  |  |  |
|             | 111               | _    | <u> </u>    | <u> </u> | _            | <u> </u>     | <u> </u> | ⊢             | <u> </u>     | -               |  |  |  |  |
|             | 112<br>113        |      | ├           | <u> </u> | ├—           | ├—           | <u> </u> | $\vdash$      | $\vdash$     | Н               |  |  |  |  |
|             | 113               | _    | $\vdash$    |          | <u> </u>     | <u> </u>     | <u> </u> | $\vdash$      | -            |                 |  |  |  |  |
|             | 114               |      | <u> </u>    | <u> </u> |              |              | <u> </u> | $\vdash$      | $\vdash$     | Н               |  |  |  |  |
|             | 115<br>116        |      | <del></del> | <u> </u> |              | <del> </del> | $\vdash$ | $\vdash$      | $\vdash$     | Н               |  |  |  |  |
| _           | 110               |      | -           | -        | $\vdash$     | ┝            | $\vdash$ | -             | <del> </del> | $\dashv$        |  |  |  |  |
|             | 117               | _    | -           |          | <u> </u>     | ├            | $\vdash$ | $\vdash$      | $\vdash$     | $\vdash$        |  |  |  |  |
|             | 118<br>119        | _    | _           | <u> </u> | <u> </u>     | -            | ┝        | -             |              |                 |  |  |  |  |
|             | 119               |      |             | -        | -            |              | ⊢        | _             | -            | Н               |  |  |  |  |
|             | 120               |      |             | -        |              |              | -        | -             | H            | $\vdash$        |  |  |  |  |
|             | 121<br>122        |      |             |          | _            |              | ├        | _             | $\vdash$     | $\dashv$        |  |  |  |  |
|             | 122               |      |             |          | -            | <del> </del> | -        | $\vdash$      | $\vdash$     | $\vdash$        |  |  |  |  |
|             | 124               |      | _           | $\vdash$ | <del> </del> | H            |          | -             | H            | Н               |  |  |  |  |
|             | 123<br>124<br>125 | -    | —           | _        |              |              | $\vdash$ | H             | $\vdash$     | Н               |  |  |  |  |
|             | 126               |      |             |          | _            | $\vdash$     |          | -             | -            |                 |  |  |  |  |
|             | 126<br>127<br>128 | _    | -           | _        | _            | $\vdash$     | ┝        | -             | -            |                 |  |  |  |  |
|             | 128               | _    |             | _        | -            | -            | -        | $\vdash$      |              | Н               |  |  |  |  |
|             | 120               |      |             | -        | -            | -            | _        | $\vdash$      |              | Н               |  |  |  |  |
|             | 129<br>130        |      |             |          | -            | $\vdash$     | $\vdash$ | -             |              | $\vdash$        |  |  |  |  |
|             | 131               |      | -           | _        | ┝            | $\vdash$     | $\vdash$ | -             |              | Н               |  |  |  |  |
|             | 131<br>132        |      |             |          | _            | $\vdash$     |          |               | _            | $\vdash$        |  |  |  |  |
|             | 133               | _    | -           | -        | ┢            | $\vdash$     | H        |               | _            | Н               |  |  |  |  |
|             | 134               |      | -           |          |              |              |          | -             |              | H               |  |  |  |  |
|             | 134<br>135        |      | $\vdash$    | $\vdash$ | $\vdash$     | Н            | _        | $\vdash$      |              | $\vdash \vdash$ |  |  |  |  |
|             | 136               |      | Н           | т        | $\vdash$     |              | Т        |               |              |                 |  |  |  |  |
| -           | 137               |      |             |          | $\vdash$     |              | _        | $\overline{}$ |              |                 |  |  |  |  |
| $\neg \neg$ | 137<br>138        |      |             |          |              |              | <u> </u> |               |              |                 |  |  |  |  |
|             | 139               |      |             |          |              |              |          |               |              |                 |  |  |  |  |
|             | 140               |      |             |          | _            |              |          |               |              |                 |  |  |  |  |
|             | 141               |      |             |          |              |              |          |               |              |                 |  |  |  |  |
|             | 142               |      |             |          |              |              |          |               |              |                 |  |  |  |  |
|             | 143               |      |             |          |              |              |          |               |              |                 |  |  |  |  |
|             | 144               |      |             |          |              |              |          |               |              |                 |  |  |  |  |
|             | 145               |      |             |          |              |              |          |               |              |                 |  |  |  |  |
|             | 146               |      |             |          |              |              |          |               |              |                 |  |  |  |  |
|             | 147               |      |             |          |              |              |          |               |              |                 |  |  |  |  |
|             | 148               |      |             |          |              |              |          |               |              |                 |  |  |  |  |
|             | 149               |      |             |          |              |              |          |               |              |                 |  |  |  |  |
|             | 150               |      |             |          |              |              |          |               |              |                 |  |  |  |  |
|             |                   |      |             |          |              |              |          |               |              |                 |  |  |  |  |